

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
Topham <i>et al.</i>	)	Art Unit: 1648
	)	
Application No. 10/589,152	)	Examiner: Humphrey, Louise Wang
	)	
Filing Date: May 31, 2007	)	Confirmation No. 5681
	)	
For: "METHODS OF EVALUATING EFFICACY OF	)	
AN IMMUNE RESPONSE BY ASSESSING	)	
ALPHA-1 INTEGRIN EXPRESSION"	)	

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

BALLARD SPAHR LLP  
Customer Number 23859

May 24, 2011

Sir:

This Amendment and Response to Office Action filed under 37 C.F.R. § 1.111 is responsive to the Final Office Action dated November 24, 2010 in the above identified matter..

**Amendments to the Claims** are reflected in the Claims Listing which begins on page 2 of this paper.

**Remarks** begin on page 10 of this paper.